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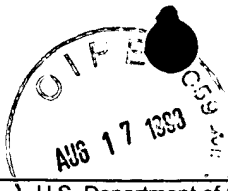
PTO/SB/21 (modified)  
Approved for use through xx/xx/xx, OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/083,769
		Filing Date	May 22, 1998
		First Named Inventor	Gerard McGoogan
		Group Art Unit Number	2831
		Examiner Name	Not Yet Known
Total Number of Pages in This Submission	11	Attorney Docket Number	3454

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input checked="" type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [ ] Sheet(s) of Figure(s) [ ]
<input checked="" type="checkbox"/> Assignment & PTO-1595	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [ ] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Power of Attorney	<input type="checkbox"/>
REMARKS:	

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Greg T. Sueoka / Reg. No.: 33,800	Dated:	August 11, 1998

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Greg T. Sueoka	Dated:	August 11, 1998
Express Mail Mailing Number (optional):			



0002/PTO(modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	<b>Complete if Known</b>	
		Application Number	09/083,769
		Filing Date	May 22, 1998
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<b>FEE TRANSMITTAL</b>		Attorney Docket Number	3454
<b>TOTAL AMOUNT OF PAYMENT</b>			
Subtotal (1) + Subtotal (2) + Subtotal (3) =		(\$105.00)	

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																									
<b>1. The Commissioner is hereby authorized to:</b>  <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 or credit any over payments to the below mentioned deposit account. <sup>†</sup>  <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.  Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP  A Duplicate Copy of this authorization is attached  <b>2. <input checked="" type="checkbox"/> Payment Enclosed:</b> [ X ] Check [ ] Other		<b>3. ADDITIONAL FEES</b> <table border="1"><thead><tr><th>Large Entity Fee Code/Fee</th><th>Small Entity Fee Code/Fee</th><th>Fee Description</th><th>Fee Due</th></tr></thead><tbody><tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td>65.</td></tr><tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr><tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month<sup>†</sup></td><td></td></tr><tr><td>116/\$400</td><td>216/\$200</td><td>Extension for response within second month<sup>†</sup></td><td></td></tr><tr><td>117/\$950</td><td>217/\$475</td><td>Extension for response within third month<sup>†</sup></td><td></td></tr><tr><td>118/\$1,510</td><td>218/\$755</td><td>Extension for response within fourth month<sup>†</sup></td><td></td></tr><tr><td>128/\$2,060</td><td>228/\$1,030</td><td>Extension for response within fifth month<sup>†</sup></td><td></td></tr><tr><td>119/\$310</td><td>219/\$155</td><td>Notice of Appeal</td><td></td></tr><tr><td>141/\$1,320</td><td>241/\$660</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr><tr><td>142/\$1,320</td><td>242/\$660</td><td>Utility Issue Fee (Or Reissue)</td><td></td></tr><tr><td>143/\$450</td><td>243/\$225</td><td>Design Issue Fee</td><td></td></tr><tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td></td></tr><tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.</td></tr><tr><td>146/\$790</td><td>246/\$395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149/\$790</td><td>249/\$395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="2">Other fee (specify):</td><td></td><td></td></tr><tr><td colspan="2">Other fee (specify):</td><td></td><td></td></tr><tr><td colspan="2"></td><td><b>SUBTOTAL (3)</b></td><td><b>(\$105.00)</b></td></tr></tbody></table>		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	65.	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet		147/\$2,520	147/\$2,520	For filing a request for reexamination		115/\$110	215/\$55	Extension for response within first month <sup>†</sup>		116/\$400	216/\$200	Extension for response within second month <sup>†</sup>		117/\$950	217/\$475	Extension for response within third month <sup>†</sup>		118/\$1,510	218/\$755	Extension for response within fourth month <sup>†</sup>		128/\$2,060	228/\$1,030	Extension for response within fifth month <sup>†</sup>		119/\$310	219/\$155	Notice of Appeal		141/\$1,320	241/\$660	Petition to revive unintentionally abandoned application		142/\$1,320	242/\$660	Utility Issue Fee (Or Reissue)		143/\$450	243/\$225	Design Issue Fee		122/\$130	122/\$130	Petitions to the Commissioner		123/\$50	123/\$50	Petitions related to provisional applications		126/\$240	126/\$240	Submission of Information Disclosure Statement		581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	40.	146/\$790	246/\$395	Filing a submission after final rejection (37 CFR 1.129(a))		149/\$790	249/\$395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify):				Other fee (specify):						<b>SUBTOTAL (3)</b>	<b>(\$105.00)</b>
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Greg T. Sueoka	Reg. Number	33,800
Signature		Date	August 11, 1998

<sup>†</sup> Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby



IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT(S): Gerard McGoogan  
SERIAL NO.: 09/083,769  
FILING DATE: May 22, 1998  
TITLE: Improvements In Intrinsically Safe Circuits  
EXAMINER: Unknown  
GROUP ART UNIT: 2831  
ATTY. DKT. NO.: 3454

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, D.C. 20231, on the date shown below:

Dated: 11 Aug. 1998 By: Greg T. Sueoka  
Greg T. Sueoka, Reg. No.: 33,800

BOX MISSING PARTS  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING  
PARTS OF APPLICATION

SIR:

Responsive to Form PTO-1533 dated June 16, 1998 received in the above-identified patent application, enclosed are:

- ☒ a copy of the Notice to File Missing Parts;
- ☒ an original, signed Declaration;
- ☒ a signed Verified Statement
- ☒ Applicant respectfully submits that since this application was entitled to Small Entity Status when filed, as established with the enclosed original, signed, Verified Statement, the fee for filing as a large entity as indicated in the Notice to File Missing Parts is inappropriate

and that the filing fee submitted with this application as originally  
filed is sufficient to cover the filing fees for this application;

☒ payment in the amount of \$65.00 for the surcharge;

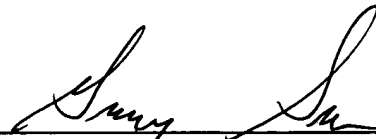
☐ Other:

Respectfully submitted,  
GERARD MCGOOGAN

Dated: \_\_\_\_\_

*17 Aug 1998*

By: \_\_\_\_\_



Greg T. Sueoka, Reg. No.: 33,800

Fenwick & West LLP

Two Palo Alto Square

Palo Alto, CA 94306

Tel.: (650) 858-7194

Fax.: (650) 494-1417

19900/5021



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

#3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/083,769 05/22/98 MCGOOGAN

6 3454

0262/0616

GREG T SUEOKA  
FENWICK AND WEST  
TWO PALO ALTO SQUARE  
PALO ALTO CA 94306

NOT ASSIGNED

2831

DATE MAILED:

06/16/98

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 1,300.

- ☐ 1. The statutory basic filing fee is:
- ☒ missing.
  - ☐ insufficient.
- Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- ☐ 2. Additional claim fees of \$ \_\_\_\_\_, including any multiple dependent claim fees, are required.
- \$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.
- \$ \_\_\_\_\_ for \_\_\_\_\_ dependent claims over 20.
- \$ \_\_\_\_\_ for multiple dependent claim surcharge.
- Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- ☐ 3. The oath or declaration:
- ☐ is missing or unexecuted.
  - ☐ does not cover the newly submitted items.
  - ☐ does not identify the application to which it applies.
  - ☐ does not include the city and state or foreign country of applicant's residence.
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- ☒ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.
- A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
- ☐ 8. The application does not comply with the Sequence Rules.
- See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."
- ☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/24/1998 JWSH/65 00000019 09083766 630605  
502:31 10